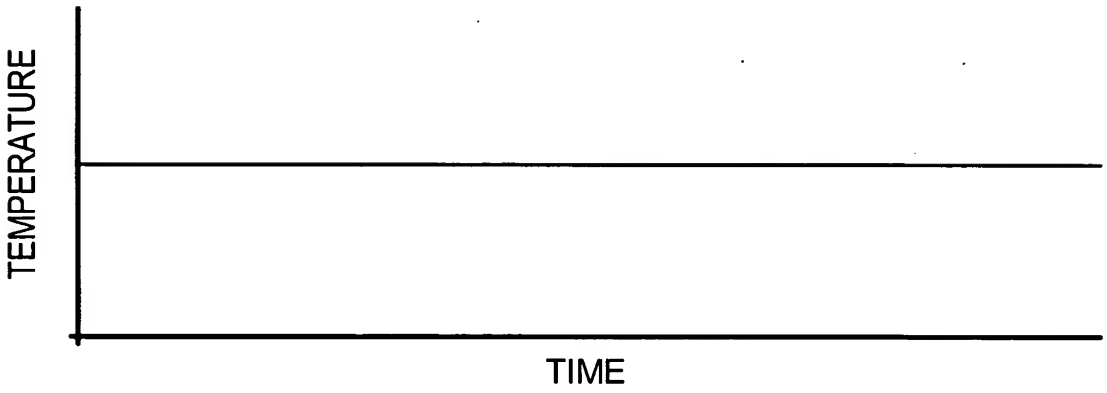


Fig._1A

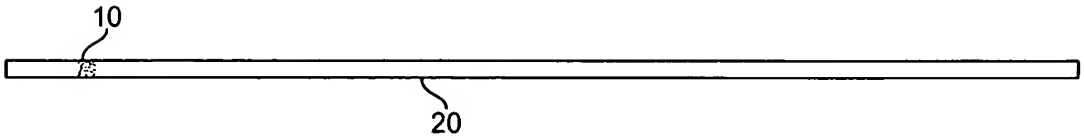


Fig._1B

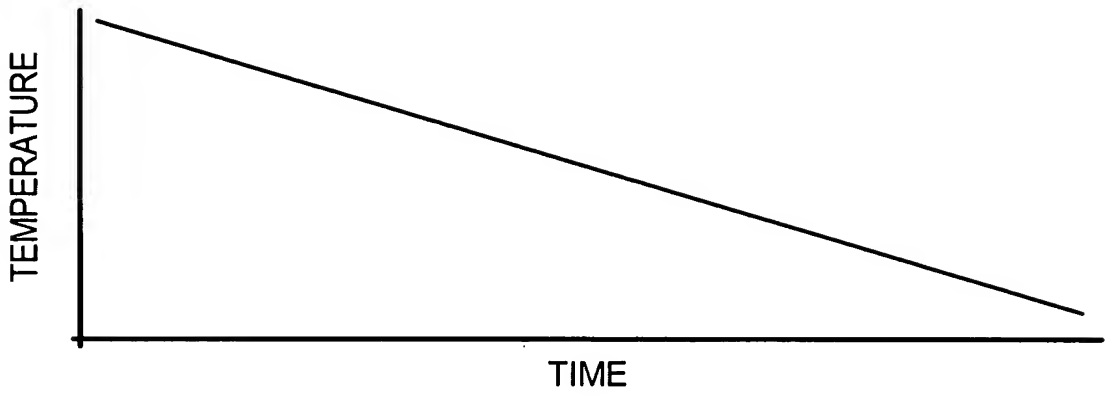


Fig._2A

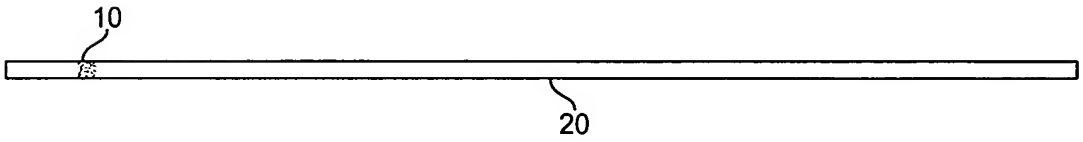


Fig._2B

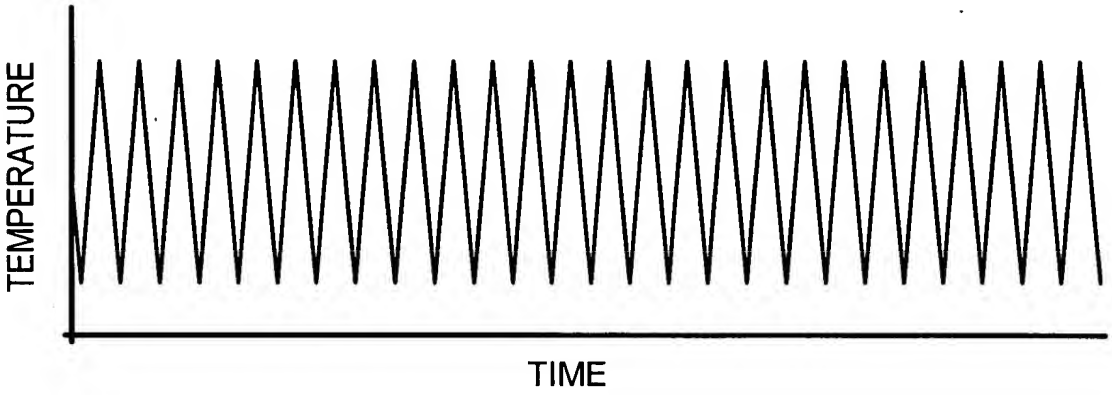


Fig._3A

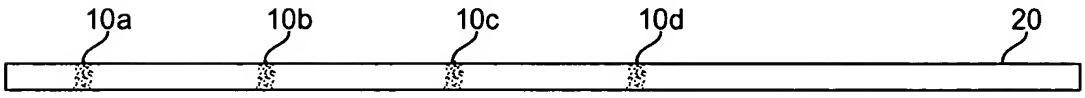
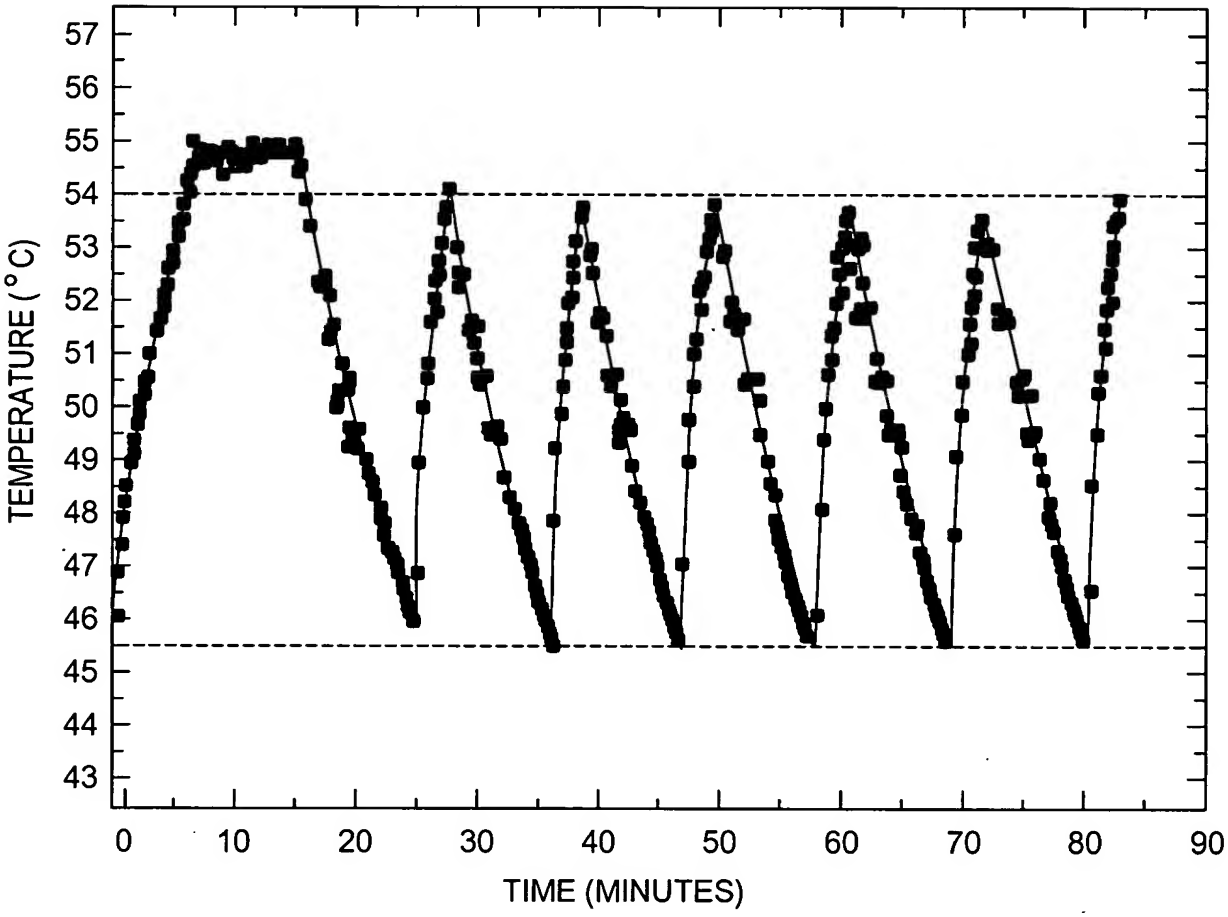


Fig._3B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56
55
54
53
52
51
50
49
48
47
46
45
44
43
0
10
20
30
40
50
60
70
80
90
TIME (MINUTES)

Fig. 4

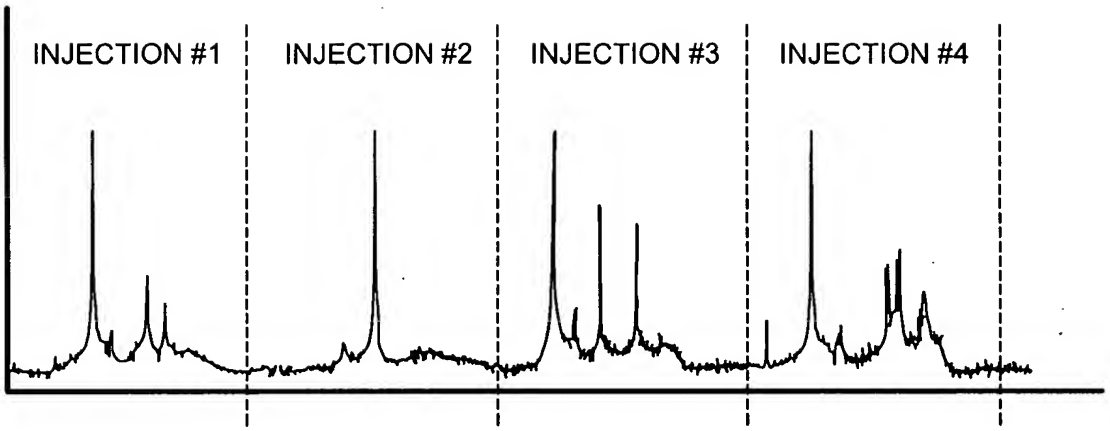

Fig. 5